



University of Northern Iowa

Support for Battelle Recommendations

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Economic Development Appropriations Subcommittee

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Business and Community Services**

Support for Battelle Recommendations

Four Initiatives

- Biotechnology Program Expansion
- Applied Research Grants
- Infrastructure and Equipment
- Entrepreneur-in-Residence



Biotechnology Program Expansion

- Support a faculty seat in biotechnology
- Support a technician to maintain tissue cultures and assist with teaching and research
- Support a spring break trip for course credit for students to tour the Iowa biotechnology industries
- Support undergraduate and graduate research assistants
- Provide ongoing funds for equipment and supplies
- Leverage private sector and federal funding support

Applied Research Grants

- Seed grants to establish proof of concept
 - These projects will be continued with federal grant funding
- UNI-industry-partnership grants
 - Support research for commercialization with an industry partner in Iowa
- Key initiative grants will support major research projects in priority technology areas
 - Likely to result in commercialization in the short-term
 - Will include plans for stimulating the creation or expansion of an Iowa business
 - Potential to attract additional funding from both federal and industry sources

Infrastructure and Equipment

- Center for Advanced Biobased Binders polymer chemistry and aggregates laboratory
- Biology biotechnology research greenhouse – to support the biotechnology programs
- Biology microfluidics laboratory
- Physics advanced nanotechnology laboratory
- Industrial Technology nanomanufacturing laboratory
- Chemistry nanochemistry laboratory

Entrepreneur-in-Residence

- Identifying and recruiting key executive talent for start-up and growing companies
- Identifying sources of advanced venture capital
- Devising and executing patenting strategies
- Valuing and protecting IP, pricing of licenses and licensing negotiation
- Collaborating with key technology transfer staff at UI and ISU, as well as UNI
- Advising the UNI Research Foundation on investment opportunities and strategies